INSTALLATION MANUAL

Polaris™ EXT
Universal Projector Mount
Model: MAG-EXT

Premier Mounts
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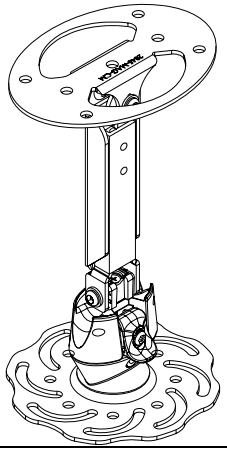
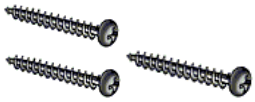
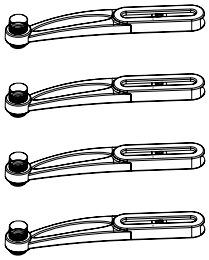
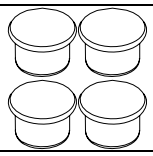
Parts List

NOTE: This mount is shipped with all proper installation hardware and components. Make sure that none of these parts are missing and/or damaged before beginning installation. If there are parts missing and/or damaged, please stop the installation and contact Premier Mounts (800-368-9700).

NOTE: Please review all WARNING and CAUTION statements (see Page 8) before beginning the installation of the MAG-EXT.

MAG-EXT (Qty 1)	
M6 x 12mm Security Screw (Qty 8)	
#14 X 2" Wood Screw (Qty 3)	
M4 x 12mm Security Screw (Qty 6)	
¼" – 20 x 5/16" Security Screw (Qty 1)	
M4 Star Washers (Qty 2)	

Mounting Legs (Qty 4)	
M3 Flat Washers (Qty 4)	
M5 x 12mm Security Screw (Qty 4)	
M3 x 16mm Security Screw (Qty 4)	
Plastic Barrel Caps (Qty 4)	

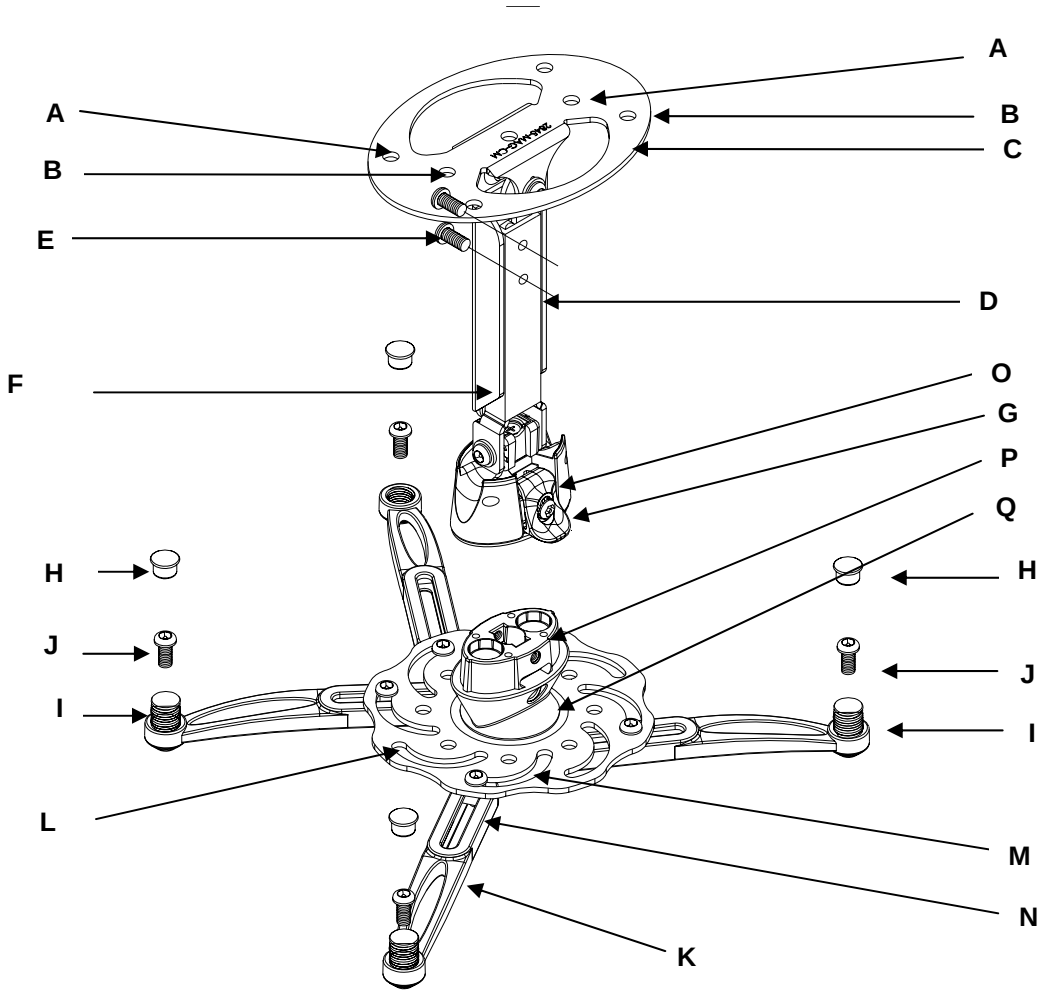
Installation Tools

Phillips Head Screw Driver
Soft Material/ Blanket
Tape Measure
Ladder
M3 Security Allen Wrench (Supplied)
Portable Drill
Pencil
Stud Finder (Commercially Available)
M5 Security Allen Wrench (Supplied)
Masonry Bit (Commercially Available)

Features

Congratulations on the purchase of your new Premier Mounts Polaris™ Universal Projector Mount. The projector mount can be configured for ceiling and or wall installations. The Polaris™ features our exclusive MagnaGuide™ Technology which assists the installer for quicker installation times and peace of mind. The Polaris™ Universal Projector Mount is height adjustable from 9" to 12" to help achieve the perfect viewing height.

A Single Wooden Stud Mounting Points
B Solid Structure Mounting Points
C Ceiling Plate
D Adjustable Suspension Neck
E M6 x 20mm Security Screw
F MagnaGuide™ - Upper Assembly
G M4 x 12mm Security Screw and Star Washer
H Barrel Cap
I Leveling Barrel
J Mounting Hardware
K Mounting Leg
L MagnaGuide™-Lower Assembly
M Projector Plate
N M6 Square Nut
O Locking Tab
P Magnets
Q Radial Glide™ Set Screw



Selecting the Proper Mounting Hardware

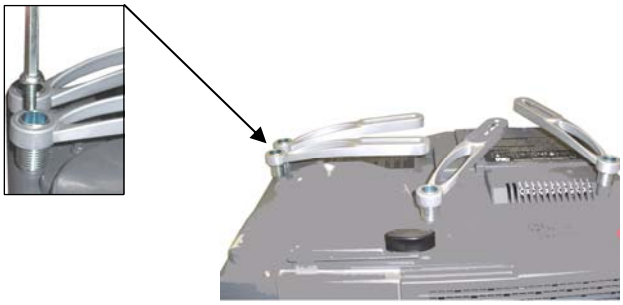
1. Invert the projector and locate the mounting points.
2. Test each size of the screws provided.
3. The correct screws should thread easily into the mounting point and not pull out when pressure is applied.

WARNING: DO NOT OVERTIGHTEN YOUR MOUNTING SCREWS TO THE PROJECTOR CHASIS. USING THE INCORRECT SCREW DEPTH MAY CAUSE DAMAGE TO YOUR PROJECTOR.

Attaching the Mount

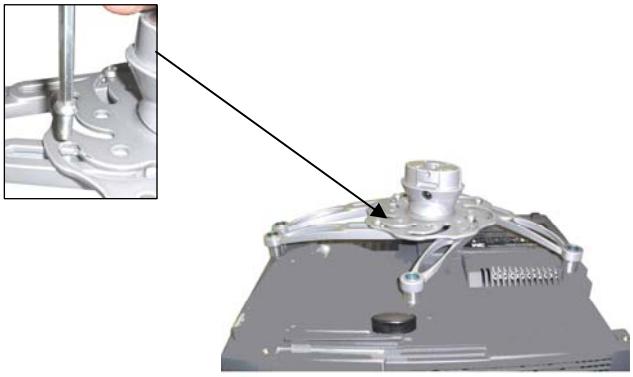
Unpack the MAG-EXT and review any WARNING statements that apply to the installation. Select the desired location for the MAG-EXT.

1. Locate the mounting points on the bottom of the projector (see arrows above for mounting point recognition).
   NOTE: Projector mounting points will vary. The projector used in this manual is an example, and may not match yours exactly.



2. Attach the appropriate number of mounting legs to the projector using the appropriate mounting hardware (see Page 4, Selecting the Proper Mounting Hardware).
3. Do not tighten these screws completely at this time.

4. Align the projector plate to the mounting legs.
5. Position the legs accordingly for best configuration. You may raise or lower each leg independently by turning the leveling barrels.

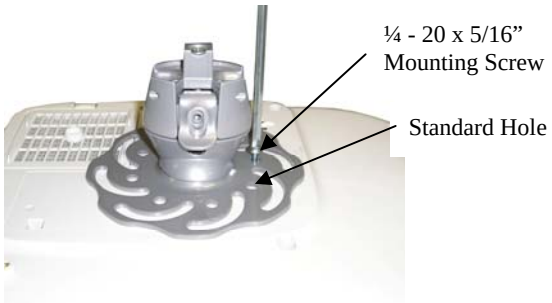


6. Secure the legs to the projector plate by screwing M6 x 12mm security screws into the M6 square nuts (do not overtighten) on the mounting legs.
7. Tighten all security screws at this time.
8. Once the security screws have been tightened, place the plastic cap over each leveling barrel and firmly push into place.

Single Mounting Point Installation

If your projector has a ¼-20 x 5/16” mounting point, please refer to the following three steps:

1. Determine where the mounting point is located.



2. Place the projector plate over the mounting point.
3. Insert the ¼-20 x 5/16” security screw.
   NOTE: This screw will use a standard hole when mounting.

Ceiling Installation

1. Mounting Surfaces
   Wood studs: Where denoted with the letter '**A**', mark these locations for wood stud installation.
   NOTE: Use a masonry bit to pre-drill the mounting holes in the concrete surface.
   Concrete surface: Where denoted with the letter '**B**', mark these locations for concrete installation.
2. Use two (2) #14 x 2" wood screws (supplied) to attach the ceiling plate to the wooden ceiling stud.

NOTE: For extra security, attach a third wood screw to the middle mounting point (A).

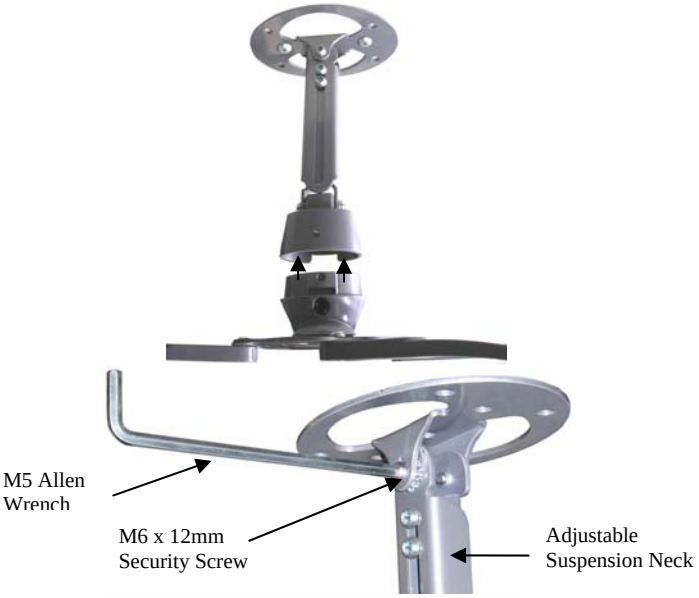
3. Slowly raise the projector toward the upper assembly. Once the projector is close to the upper assembly, MagnaGuide Technology will pull the lower assembly into the upper assembly and the locking tab will engage.

WARNING: THE MAGNETS ARE USED FOR GUIDING THE UNIT ONLY! PLEASE MAKE SURE THE TWO (2) M4 X 12MM SCREWS ARE USED TO SECURE THE PROJECTOR.

4. Attach the two (2) M4 x 12mm security screws and washers that are located on each side of the locking tab.

NOTE: Do not release your hold on the projector until the upper and lower assemblies are engaged and the locking tab is in place.

NOTE: If you chose to use the center mounting point for added security, detach the adjustable suspension neck by removing the two (2) M6 x 12mm security screws, drive the wood screw in place and reattach the adjustable suspension neck and security screws.



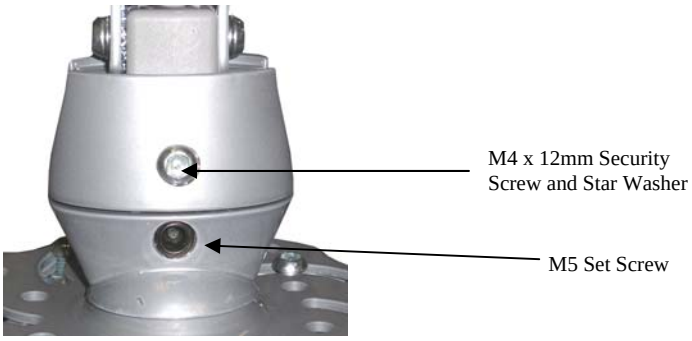
After the projector has been installed, the projector must then be adjusted. To adjust the projector:

1. Loosen the M5 set screw using the M5 Allen wrench (both sides).
2. Adjust the projector to the correct position. Firmly grasp the projector in both hands, and tilt either forward or backward to adjust the level.

-OR-

Firmly grasp the projector in both hands and rotate side to side for orientation adjustment.

3. Tighten the M5 set screw on both sides using the M5 Allen wrench.



Height Adjustment

1. To adjust the height of the Magna Mount, hold the weight of the projector and loosen the two (2) M6 x 12mm security screws.
2. Slide the adjustable suspension neck into the desired position.
3. Retighten the two (2) M6 x 20mm security screws.

NOTE: Do not release the projector until the M6 screws are completely tight.

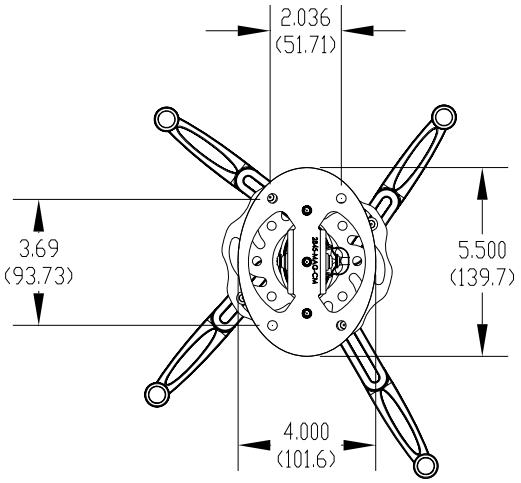
Troubleshooting Procedures

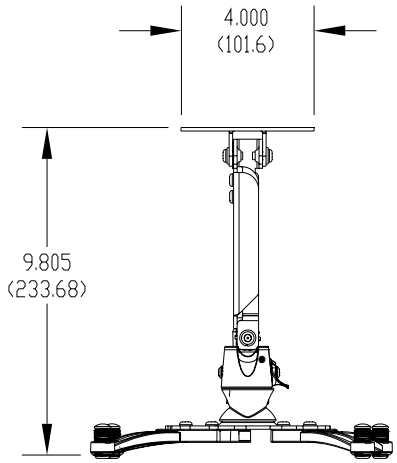
QUESTION: My projector mount must be set at an angle to be viewed properly on the wall, but the projector will not hold at this position. Why is this?
ANSWER: The angle adjustments are not tight; they must be tightened.

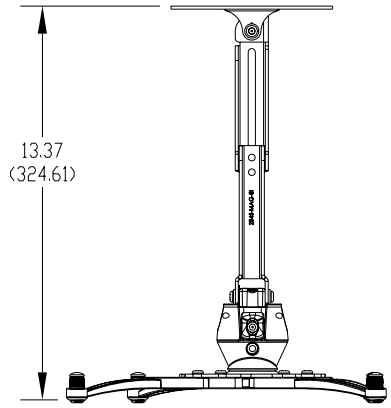
QUESTION: What happens if the universal arms don't fit my projector?
ANSWER: Contact Customer Service and advise them of the situation.

Technical Specifications

All measurements are inches (mm).







Warranty

Limited Lifetime Warranty

All Premier Mounts products carry a limited lifetime warranty from ship date against defects in materials and workmanship. Premier Mounts is not liable for improper installation that results in damage to mounts, adapters, display equipment or personal injury. Any modification to the existing mount will void the manufacturers' warranty.

DISCLAIMER OF WARRANTY.
THE FOREGOING WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Contact Premier Mounts
In the event of missing and/or damaged equipment, or technical questions, the following information can help in the completion of the installation.

Customer Service – (800) 368-9700
Technical Support – techsupport@mounts.com

Warning Statements

WARNING: PREMIER MOUNTS DOES NOT WARRANT AGAINST DAMAGE CAUSED BY THE USE OF ANY PREMIER MOUNTS PRODUCT FOR PURPOSES OTHER THAN THOSE FOR WHICH IT WAS DESIGNED OR DAMAGE CAUSED BY UNAUTHORIZED ATTACHMENTS OR MODIFICATIONS, AND IS NOT RESPONSIBLE FOR ANY DAMAGES, CLAIMS, DEMANDS, SUITS, ACTIONS OR CAUSES OF ACTION OF WHATEVER KIND RESULTING FROM, ARISING OUT OF OR IN ANY MANNER RELATING TO ANY SUCH USE, ATTACHMENTS OR MODIFICATIONS.

WARNING: THE CEILING STRUCTURE MUST BE CAPABLE OF SUPPORTING AT LEAST FIVE TIMES THE PROJECTORS' WEIGHT. IF NOT, THE CEILING STRUCTURE MUST BE REINFORCED. PROPER INSTALLATION PROCEDURE BY A QUALIFIED SERVICE TECHNICIAN, AS OUTLINED IN THE INSTALLATION INSTRUCTIONS, MUST BE ADHERED TO. FAILURE TO DO SO COULD RESULT IN SERIOUS PERSONAL INJURY, OR EVEN DEATH.

WARNING: SAFETY MEASURES MUST BE PRACTICED AT ALL TIMES DURING THE INSTALLATION OF THIS PRODUCT. USE PROPER SAFETY GEAR AND TOOLS FOR THE INSTALLATION PROCEDURE TO PREVENT PERSONAL INJURY.

WARNING: PRIOR TO THE INSTALLATION OF THIS PRODUCT, THE INSTALLATION INSTRUCTIONS SHOULD BE READ AND COMPLETELY UNDERSTOOD. THE INSTALLATION INSTRUCTIONS MUST BE READ TO PREVENT PERSONAL INJURY AND PROPERTY DAMAGE. KEEP THESE INSTALLATION INSTRUCTIONS IN AN EASILY ACCESSIBLE LOCATION FOR FUTURE REFERENCE.

Indicates that the power plug is to be disconnected from the power outlet.

Contact Premier Mounts with any questions – (800) 368-9700.

Safety precautions must be taken at all times.

Warning and Caution statements.

Do not install on a structure that is prone to vibration, movement or chance of impact. Failure to do so could result in damage to the projector and/or damage to the mounting surface.

Do not install near heater, fireplace, direct sunlight, air conditioning or any other source of direct heat energy. Failure to do so may result in damage to the projector and could increase the risk of fire.

A qualified person should perform the installation procedure. Injury and/or damage can result from dropping or mishandling the projector

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Other Locations – Phone: (001)-714-632-7100; Fax: (001)-714-632-1044

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